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ACREAGE

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Corn planted in 2018 for all purposes by Minnesota producers is estimated at 7.80 million acres. This is a decrease of 3 percent from 2017, but 300,000 acres above the March intentions. An estimated 7.40 million acres are expected to be harvested for grain. Producers reported planting biotechnology varieties on 93 percent of their 2018 corn acres. The percent of corn acreage planted to insect resistant (Bt) varieties is estimated at 1 percent, herbicide resistant only varieties were planted on 9 percent of the acres, and stacked gene varieties were planted on 83 percent of the acres.

Soybean planted acreage is estimated at 7.80 million acres, a decrease of 4 percent from the record high acres planted in 2017 and 100,000 acres below the March intentions. An expected 7.74 million acres of soybeans will be harvested. If realized, this would be the second largest harvested acres on record for Minnesota, 350,000 acres below the record high harvested acres set in 2017. Producers reported using herbicide resistant varieties to plant 95 percent of their 2018 soybean acres.

Spring wheat planted in Minnesota is estimated at 1.60 million acres, 440,000 acres above last year, but unchanged from the March intentions. Spring wheat harvested for grain is forecast at 1.56 million acres, up 430,000 acres from last year. If realized, this would be the largest acreage harvested in Minnesota since 2008.

Winter wheat planted acreage is estimated at 11,000 acres, with an expected 7,000 acres harvested for grain. **Oats** planted acreage is estimated at 250,000, up 80,000 acres from last year and 20,000 acres above the March intentions. An estimated 120,000 acres are expected to be harvested for grain.

Fall Potato acreage in Minnesota is estimated at 44,000 acres, down 2,000 acres from the previous year. Fall potato planted acreage by type of potato consists of 69 percent Russets, 19 percent Reds, 10 percent Whites, and 2 percent Yellows.

Total dry **hay** expected to be harvested for 2018 is estimated at 1.40 million acres, up 20,000 acres from 2017. **Alfalfa** harvested acreage is up 20,000 acres from last year to an estimated 890,000 acres. **Other hay** harvested acreage is estimated at 510,000 acres, unchanged from 2017.

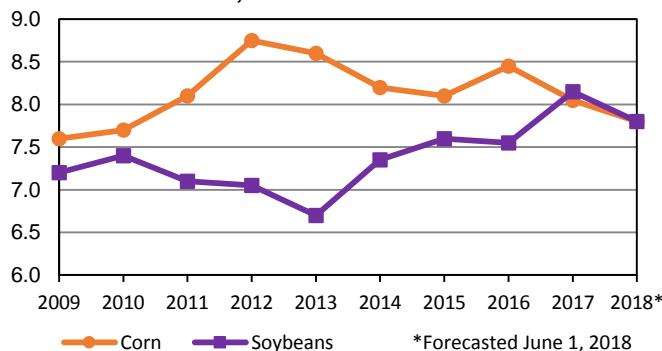
Sugarbeet acreage is estimated at 410,000 planted acres, 10,000 acres below 2017 and 13,000 acres below the March intentions. An expected 395,000 acres of sugarbeets will be harvested.

Corn planted area for all purposes in the U.S. for 2018 is estimated at 89.1 million acres, down 1 percent from last year. Compared with last year, planted acres are down or unchanged in 31 of the 48 estimating States. Area harvested for grain, at 81.8 million acres, is down 1 percent from last year.

U.S. soybean planted area for 2018 is estimated at 89.6 million acres, down 1 percent from last year. Compared with last year, planted acreage is down or unchanged in 14 of the 31 estimating States.

All wheat planted area in the U.S. for 2018 is estimated at 47.8 million acres, up 4 percent from 2017. This represents the second lowest all wheat planted area on record since records began in 1919. The 2018 winter wheat planted area, at 32.7 million acres, is up less than 1 percent from last year and up slightly from the previous estimate. Of this total, about 23.2 million acres are Hard Red Winter, 5.89 million acres are Soft Red Winter, and 3.62 million acres are White Winter. Area planted to other spring wheat for 2018 is estimated at 13.2 million acres, up 20 percent from 2017. Of this total, about 12.7 million acres are Hard Red Spring wheat. Durum planted area for 2018 is estimated at 1.89 million acres, down 18 percent from the previous year.

Million Acres
Corn and Soybeans Acres Planted, Minnesota, 2009-2017 and Forecasted 2018



Crop Summary – Minnesota and United States: 2017 and 2018

Crop	Minnesota				United States			
	Area Planted		Area Harvested		Area Planted		Area Harvested	
	2017	2018	2017	2018 ¹	2017	2018	2017	2018 ¹
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Barley	80	80	68	67	2,481	2,549	1,954	2,046
Canola	36.0	35.0	34.5	33.5	2,077.0	2,053.5	2,002.0	2,016.1
Corn for grain ²	8,050	7,800	7,630	7,400	90,167	89,128	82,703	81,770
Dry beans	170.0	165.0	163.0	158.0	2,092.0	1,834.0	2,012.7	1,777.5
Hay, all	(NA)	(NA)	1,380	1,400	(NA)	(NA)	53,784	55,068
Hay, alfalfa	(NA)	(NA)	870	890	(NA)	(NA)	16,563	17,351
Hay, other	(NA)	(NA)	510	510	(NA)	(NA)	37,221	37,717
Oats	170	250	95	120	2,588	2,889	801	1,009
Potatoes, fall	46.0	44.0	45.5	43.0	908.0	911.7	902.3	904.4
Soybeans	8,150	7,800	8,090	7,740	90,142	89,557	89,522	88,862
Sugarbeets	420.0	410.0	409.0	395.0	1,131.2	1,115.8	1,114.1	1,093.4
Sunflowers, all	38.7	34.0	37.2	32.7	1,403.0	1,461.0	1,344.7	1,406.2
Sunflowers, oil	34.0	30.0	33.0	29.0	1,216.0	1,314.0	1,172.0	1,269.5
Sunflowers, non-oil	4.7	4.0	4.2	3.7	187.0	147.0	172.7	136.7
Wheat, all	1,170	1,611	1,135	1,567	46,012	47,821	37,586	39,571
Wheat, spring	1,160	1,600	1,130	1,560	11,009	13,202	10,159	12,899
Wheat, winter	10	11	5	7	32,696	32,732	25,291	24,831
Principal crops ³	19,711	19,629	(NA)	(NA)	319,148	322,053	(NA)	(NA)

(NA) Not available. ¹Forecasted ²Area planted for all purposes ³Includes planted corn, sorghum, oats, barley, rye, winter wheat, Durum wheat, other spring wheat, rice, soybeans, peanuts, sunflower, cotton, dry edible beans, potatoes, sugarbeets, canola, and proso millet. Harvested acreage is used for all hay, tobacco, and sugarcane in computing total area planted. Includes double cropped acres and unharvested small grains planted as cover crops.

APPLES

Minnesota apple production for 2017 is estimated at 23.0 million pounds, up 19 percent from 2016. Minnesota's bearing acreage was estimated at 2,600 acres, unchanged from 2016. Average yield per acre was up 19 percent to 8,850 pounds per acre in 2017. Price per pound was up 4.7 cents from 81.5 cents in 2016, to 86.2 cents in 2017. Value of utilized production in 2017 was estimated at \$18.5 million, up 22 percent from \$15.2 million in 2016.

Commercial Apple Bearing Acreage, Yield, and Production – Selected States and United States: 2016-2017

State	Bearing acreage		Yield per acre ¹		Total production		Utilized production	
	2016	2017	2016	2017	2016	2017	2016	2017
	(acres)	(acres)	(pounds)	(pounds)	(million pounds)	(million pounds)	(million pounds)	(million pounds)
Illinois	1,700	1,700	11,000	13,200	18.7	22.4	18.1	21.4
Michigan	33,000	33,000	38,600	25,500	1,275.0	840.0	1,273.0	839.0
Minnesota	2,600	2,600	7,420	8,850	19.3	23.0	18.7	21.5
Wisconsin	4,000	4,000	10,300	12,300	41.0	49.0	39.5	47.9
United States	324,100	323,000	35,100	35,300	11,377.5	11,406.0	10,928.3	11,061.8

(NA) Not available. ¹Yield is based on total production, which includes unharvested production and fruit harvested but not sold due to market conditions.

Commercial Apple Price and Value – Selected States and United States: 2016-2017

State	Price per pound		Value of utilized production	
	2016	2017	2016	2017
	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)
Illinois	0.872	0.647	15,783	13,840
Michigan	0.255	0.300	325,195	251,795
Minnesota	0.815	0.862	15,244	18,537
Wisconsin	0.552	0.549	21,819	26,297
United States	0.317	0.321	3,460,017	3,549,683

GRAIN STOCKS

Corn stored in all positions in Minnesota on June 1, 2018, totaled 684 million bushels, up 3 percent from June 1, 2017. Of the total stocks, 72 percent were stored on-farm. The March - May 2018 indicated disappearance totaled 397 million bushels, 3 percent more than the 387 million bushels from the same period last year.

Soybeans stored in all positions in Minnesota on June 1, 2018, totaled 129 million bushels, 20 percent above the 108 million bushels on hand June 1, 2017. Of the total stocks, 43 percent were stored on-farm. Indicated disappearance for March - May 2018 was 89.2 million bushels, 23 percent more than the 72.4 million bushels from the same quarter last year.

Oats stored in all positions on June 1, 2018, totaled 11.7 million bushels, 31 percent below the stocks on June 1, 2017. Of the total stocks, 13 percent were stored on-farm.

All wheat stored in all positions in Minnesota on June 1, 2018, totaled 34.1 million bushels, 36 percent less than June 1, 2017. Of the total stocks, 37 percent were stored on-farm. Indicated disappearance for March - May 2018 was 23.9 million bushels, 13.0 million bushels above the same quarter last year.

Barley stored in all positions in Minnesota on June 1, 2018, totaled 8.98 million bushels, 8 percent above the stocks on June 1, 2017. Of the total stocks, 18 percent were stored on-farm.

Grain Stocks by Position – Minnesota and United States: June 1, 2017 and 2018

Position and Grain	Minnesota			United States		
	June 1, 2017	June 1, 2018	2018 as % of 2017	June 1, 2017	June 1, 2018	2018 as % of 2017
	(1,000 bushels)	(1,000 bushels)	(percent)	(1,000 bushels)	(1,000 bushels)	(percent)
On-Farm						
Barley	1,150	1,650	143	27,050	26,420	98
Corn	490,000	495,000	101	2,841,400	2,750,100	97
Oats	2,000	1,500	75	13,540	11,410	84
Soybeans	52,000	56,000	108	332,500	377,000	113
Wheat	22,000	12,500	57	191,755	130,475	68
Off-Farm ¹						
Barley	7,156	7,327	102	79,314	68,317	86
Corn	175,534	189,420	108	2,387,682	2,555,840	107
Oats	14,979	10,179	68	36,790	29,614	80
Soybeans	55,947	73,265	131	633,356	844,501	133
Wheat	30,971	21,611	70	988,847	969,812	98
Total all positions						
Barley	8,306	8,977	108	106,364	94,737	89
Corn	665,534	684,420	103	5,229,082	5,305,940	101
Oats	16,979	11,679	69	50,330	41,024	82
Soybeans	107,947	129,265	120	965,856	1,221,501	126
Wheat	52,971	34,111	64	1,180,602	1,100,287	93

¹ Includes stocks at mills, elevators, warehouses, terminals, and processors.

U.S. corn stocks in all positions on June 1, 2018 totaled 5.31 billion bushels, up 1 percent from June 1, 2017. Of the total stocks, 2.75 billion bushels are stored on farms, down 3 percent from a year earlier. Off-farm stocks, at 2.56 billion bushels, are up 7 percent from a year ago. The March - May 2018 indicated disappearance is 3.59 billion bushels, compared with 3.39 billion bushels during the same period last year.

U.S. soybeans stored in all positions on June 1, 2018 totaled 1.22 billion bushels, up 26 percent from June 1, 2017. On-farm stocks totaled 377 million bushels, up 13 percent from a year ago. Off-farm stocks, at 845 million bushels, are up 33 percent from a year ago. Indicated disappearance for the March - May 2018 quarter totaled 888 million bushels, up 15 percent from the same period a year earlier.

All wheat stored in all positions in the U.S. on June 1, 2018 totaled 1.10 billion bushels, down 7 percent from a year ago. On-farm stocks are estimated at 130 million bushels, down 32 percent from last year. Off-farm stocks, at 970 million bushels, are down 2 percent from a year ago. The March - May 2018 indicated disappearance is 395 million bushels, down 17 percent from the same period a year earlier.

U.S. barley stocks in all positions on June 1, 2018 totaled 94.7 million bushels, down 11 percent from June 1, 2017. On-farm stocks are estimated at 26.4 million bushels, 2 percent below a year ago. Off-farm stocks, at 68.3 million bushels, are 14 percent below June 1, 2017. The March - May 2018 indicated disappearance is 35.3 million bushels, 8 percent below the same period a year earlier.

Oats stored in all positions in the U.S. on June 1, 2018 totaled 41.0 million bushels, 18 percent below the stocks on June 1, 2017. Of the total stocks on hand, 11.4 million bushels are stored on farms, 16 percent below a year ago. Off-farm stocks totaled 29.6 million bushels, 20 percent below the previous year. Indicated disappearance during March - May 2018 totaled 13.9 million bushels, 8 percent above the same period a year ago.

HOGS & PIGS

On June 1, 2018, there were 8.60 million hogs and pigs on Minnesota farms. This is the highest June 1 inventory on record, up 1 percent from the previous year. The March-May 2018 quarterly pig crop was 3.47 million head, up 3 percent from the previous quarter and up 2 percent from last year. This is the largest pig crop for March-May on record. A total of 310,000 sows farrowed during this quarter. The average pigs saved per litter was 11.20 for the quarter. As of June 1, producers planned to farrow 305,000 sows and gilts in the June-August quarter and 305,000 head during the September-November quarter.

United States inventory of all hogs and pigs on June 1, 2018 was 73.5 million head. This was up 3 percent from June 1, 2017, and up 1 percent from March 1, 2018. This is the highest June 1 inventory of all hogs and pigs since estimates began in 1964.

Breeding inventory, at 6.32 million head, was up 3 percent from last year, and up 2 percent from the previous quarter. Market hog inventory, at 67.1 million head, was up 3 percent from last year, and up 1 percent from last quarter. This is the highest June 1 market hog inventory since estimates began in 1964.

The March-May 2018 pig crop, at 33.2 million head, was up 4 percent from 2017. This is the largest March-May pig crop since estimates began in 1970. Sows farrowed during this period totaled 3.12 million head, up 4 percent from 2017. The sows farrowed during this quarter represented 50 percent of the breeding herd. The average pigs saved per litter was a record high 10.63 for the March-May period, compared to 10.55 last year.

United States hog producers intend to have 3.17 million sows farrow during the June-August 2018 quarter, up 2 percent from the actual farrowings during the same period in 2017, and up 4 percent from 2016. Intended farrowings for September-November 2018, at 3.18 million sows, are up 2 percent from 2017, and up 4 percent from 2016.

The total number of hogs under contract owned by operations with over 5,000 head, but raised by contractees, accounted for 47 percent of the total United States hog inventory, down from 48 percent the previous year.

Revisions

All inventory and pig crop estimates for June 2017 through March 2018 were reviewed using final pig crop, official slaughter, death loss, and updated import and export data. The revision made to the March 2018 all hogs and pigs inventory was less than 0.1 percent. The net revision made to the December 2017 all hogs and pigs inventory was 0.6 percent. A revision of 0.7 percent was made to the September-November 2017 pig crop.

Hogs and Pigs, Breeding, Market, and Total Inventory – Selected States and United States: June 1, 2017 and 2018 [Data may not add to totals due to rounding.]

State	Breeding			Market			Total		
	2017	2018	2018 as % of 2017	2017	2018	2018 as % of 2017	2017	2018	2018 as % of 2017
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Illinois	530	570	108	4,720	4,780	101	5,250	5,350	102
Iowa	1,030	1,040	101	20,870	21,660	104	21,900	22,700	104
Minnesota	570	580	102	7,930	8,020	101	8,500	8,600	101
Missouri	440	460	105	2,810	3,040	108	3,250	3,500	108
Nebraska	420	430	102	2,980	3,120	105	3,400	3,550	104
North Carolina	880	910	103	8,020	7,990	100	8,900	8,900	100
United States	6,109	6,320	103	64,901	67,131	103	71,010	73,451	103

Hogs and Pigs, Market Inventory by Weight Group – Selected States and United States: June 1, 2017 and 2018 [Data may not add to totals due to rounding.]

State	Under 50 pounds		50-119 pounds		120-179 pounds		180 pounds and over	
	2017	2018	2017	2018	2017	2018	2017	2018
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Illinois	1,430	1,550	1,530	1,510	930	880	830	840
Iowa	5,450	5,590	6,870	7,150	4,950	5,220	3,600	3,700
Minnesota	2,610	2,610	2,390	2,490	1,640	1,780	1,290	1,140
Missouri	1,360	1,505	580	590	435	475	435	470
Nebraska	1,005	1,050	785	840	615	650	575	580
North Carolina	3,290	3,370	1,870	1,840	1,400	1,450	1,460	1,330
United States	20,647	21,387	18,741	19,388	13,646	14,198	11,867	12,157

